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TYC Woo - INFOCOM 2000. Nineteenth Annual Joint Conference of the IEEE ..., 2000 - [ieeexplore.ieee.org](#)

[S Suri](#)

... I. INTRODUCTION Multi-dimensional **packet classification** with a large number of filter **rules** is a provably hard problem [4], [7], [8]. Specifi- cally, previous ...

[M Waldvogel](#)

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[Packet classification consuming small amount of memory - all 6 versions »](#)

X Sun, SK Sahni, YQ Zhao - IEEE/ACM Transactions on Networking (TON), 2005 - [portal.acm.org](#)

... 3 is an algorithm for **dividing** the classifier ... the algorithm to accomodate the changes in the **packet classification** ... the relevant field of the **rule** as the **key**. ...

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[Packet classification search device and method - all 5 versions »](#)

M Uga, K Shiomoto - US Patent 6,718,326, 2004 - [Google Patents](#)

... The fields of **rules of packet classification** are grouped into groups, and the grouped fields of each **rule** are stored along with search related information ...

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[Flexible and high-performance **packet classification** algorithm - all 3 versions »](#)

KC Lu, SM Zhao, KH Yuan - US Patent 6,778,984, 2004 - [Google Patents](#)

... 1 A typical **packet classification** table ... is to provide a flexible and high-performance **packet classifica**-tion ... **rule** mapping table is formed by **dividing** an input ...

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[\[PDF\] IPv6-Oriented 4₀ OC-768 **Packet Classification** with Deriving-Merging Partition and Field-Variable ... - all 2 versions »](#)

X Zhang, B Liu, W Li, Y Xi, D Bermingham, X Wang - INFOCOM 2006. 25th IEEE International Conference on Computer ..., 2006 - [cs.cmu.edu](#)

... Because a **packet classification** matching requires two TCAM ... Prefix range-based", "Tree-based", and "Key-ID-based ... $PSV[i]_* = TR$; and let **Dividing** $[i]_{0or1}$...

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[A multi-dimensional **packet classification** algorithm](#)

X Yao, G Hu, L Li - Communications, Circuits and Systems, 2004. ICCAS 2004. ..., 2004 - [ieeexplore.ieee.org](#)

... Yao, Guangming Hu, Lemin Li **Key** Laboratory of ... to increase the numbers and dimensions of the **packet classification** rules. ... **rules** at a time, and **dividing** into 2 ...

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[Packet Classification Using Two-Dimensional Multibit Tries - all 4 versions »](#)

W Lu, S Sahni - Computers and Communications, 2005. ISCC 2005. Proceedings. ..., 2005 - [ieeexplore.ieee.org](#)

... optimal constrained 2DMT structures perform **packet classification** using 1 ... computer to be used for **packet classi**-fication. By **dividing** these two numbers, we get ...

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SPACE DECOMPOSITION TECHNIQUES FOR FAST LAYER-4 SWITCHING - all 16 versions »

MM Buddhikot, S Suri, M Waldvogel - Protocols for High-Speed Networks VI: IFIP TC6 WG6. 1 & WG6. ..., 2000 - books.google.com

... The three **key** ideas in this algorithm are as ... four sub-squares obtained by **dividing** the square ... decomposition SE In our basic **packet classification** scheme, the ...

Cited by 108 - Related Articles - Web Search

Packet Classification Using Adaptive Rules Cutting (ARC) - all 3 versions »

M Abdelghani, S Sezer, E Garcia, M Jun - Telecommunications, 2005. Advanced Industrial Conference on ..., 2005 - doi.ieeecomputersociety.org

... number of levels to one level, **dividing** the cut ... This is **key** feature of the proposed ARC algorithm ... In this paper, a novel **packet classification** algorithm, called ...

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Method and system for determining conformance of a data **key** with rules by means of memory lookups

K Code, R Image, SM Mishra, G Ardhanari, VP Images ... - freepatentsonline.com

... masks, the method including: **dividing** the data ... **Packet classification** includes the following steps: [0005] The **packet** ... interest (a data **key**) within the **packet**. ...

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